Bulletin Number: P-2006-0039-Global-Rev2
Date: 22 May 2006

Ethernet Switch and Ethernet Routing Switch EUED Market Impact Notification

REVISION HISTORY

Date	Revision #	Summary of Changes
22 May 2006	Rev 2	Some availability dates were changed. Marketing positioning has been further clarified.

Customer Last Opportunity to order in EU for RoHS non-compliant product:	31st May 2006 for "put on the market" before 1st July 2006
Customer last ship date in EU for EUED non-compliant hardware	30th June 2006
Market Regions Affected:	European Economic Area (EU member states, plus Liechtenstein, Iceland and Norway)

Introduction

This bulletin announces the intentions with respect to Ethernet Switch and Ethernet Routing Switch compliance to the European Union Environmental Directive (EUED) concerning the Restriction of Hazardous Substances (RoHS). This bulletin does not have any bearing on other Nortel products plans to comply with the EUED directives.

Nortel's environmental strategy is provided in more detail at the following link:
http://www.nortelnetworks.com/corporate/community/environment/life_cycle/directives.html

The RoHS Directive , 2002/95/EC identifies in Article 4, mandatory requirements for all EU member states to implement a Reduction of Hazardous Substances (RoHS).

RoHS requirements impose restrictions on the type and quantity of materials used in the manufacturing and construction of Electronic and Electrical Equipment (EEE). Producers must implement RoHS requirements in order to meet the deadline of 1st July, 2006. RoHS requires producers to eliminate or to reduce below the permissible levels the following six substances: Lead, Mercury, Cadmium, Hexavalent Chromium, Poly-Brominated Biphenyls (PBB) and Poly-Brominated Diphenyl Ethers (PBDE). EUED provides an exemption for lead in solders for network infrastructure equipment for switching, signalling, transmission as well as network management for telecommunications based on a potential for decreased reliability when lead free solder is used. In this case, the equipment is referred to as "5/6 compliant".

The RoHS Directive states in Article 2(3) that: The Directive does not apply to spare parts for the repair, or to the reuse, of electrical and electronic equipment "Put on the Market" before 1st July 2006.

This is to promote the reuse, refurbishment and extension of lifetime of existing systems "Put on the Market" before that date.

Ethernet Switch and Ethernet Routing Switch Compliance Intentions

RoHS requirements: Ethernet Switch and Ethernet Routing Switch products will be made compliant to the RoHS directive as identified in the RoHS compliant hardware section.

Equipment not compliant with the RoHS directive will, in most cases, be supplanted by RoHS compliant equipment. The compliant equipment will be identified by Product Order Codes with an "E5" suffix indicating RoHS 5/6 compliance or an "E6" suffix indicating RoHS 6/6 compliance.

The existing order codes will remain available for shipment into EU countries through to 30th June 2006. After the 1st July 2006, only RoHS compliant codes will be available for order and shipment to new installations in EU countries.

The hardware being converted to RoHS compliant will replace or supplement the non-RoHS compliant versions when they are introduced. These new product order codes will be available globally. In general they will be backward compatible to supported software and have equivalent functionality to the hardware they are replacing. It is possible that some components' availability for RoHS will occur after the 1st July, 2006 deadline. Orders will be accepted for these products, but shipments will not be made until the product is fully compliant. In these cases where the EEE has already been "Put on the Market" prior to 1st July 2006, then these products will be available.

There is no intention to Manufacture Discontinue non-RoHS Hardware, since it will still be available for markets to which RoHS does not apply.

Customer Actions and Contingency Plans

Customers need to review the lists of hardware that follow, to determine their needs. If RoHS compliant products are not available customers need to take the appropriate actions:

- Continue to use and purchase non-RoHS hardware only for equipment that was "Put on the Market" before the 1st July, 2006.
- Execute a Last Time Buy order for equipment "Put on the Market" before 1st July, 2006.

In line with derogations available in the RoHS directive, Nortel will work with customers to enable continued business operations. At this point the following conditions will apply in markets where the EUED has application.

- **New Deployments** – Your Nortel account manager or channel partner will work with you to ensure there is minimal impact to your business. For planned network expansions we recommend customers consider placing last time orders in sufficient time to ensure product is received prior to 1st July 2006. Once received product can be installed at a later date and growth facilitated with non compliant hardware.

- **Equipment already in the field** – Non RoHS hardware can continue to be used in the field provided the equipment has been "Put on the Market" on or before the 30th June 2006. These products will continue to have:

    1. Repair and Return: Non RoHS compliant equipment can be used post 30th June 2006 in support of Repair and Return of the installed base that was placed on the market before 1st July 2006.

    2. Extensions of already installed EEE: Non-compliant components can continue to be deployed for expansion to existing nodes which have been or deployed prior to 1st July 2006 for the purpose of extending the lifetime of the existing unit.

For further clarification please contact your local account management teams.

We recommend that customers should work with their account teams to create contingency plans and, if necessary, place orders to facilitate network growth in time for product to be received in region prior to the 1st July, 2006 deadline.

Ethernet Switch and Ethernet Routing Switch RoHS Compliant Hardware:

The RoHS compliant Ethernet Switch and Ethernet Routing Switch platforms will include:

Existing Order Code	Product Details	Compliant Order Code	RoHS Availability Date
	Ethernet Switch 325		
AL2012A45	Ethernet Switch 325-24T (No power cord)	AL2012A45-E5	1 June 2006
AL2012B45	Ethernet Switch 325-24T (Inc. EU power cord)	AL2012B45-E5	1 June 2006
AL2012C45	Ethernet Switch 325-24T (Inc. UK & IRE power cord)	AL2012C45-E5	1 June 2006
AL2012D45	Ethernet Switch 325-24T (Inc. Japan power cord)	AL2012D45-E5	1 June 2006
AL2012E45	Ethernet Switch 325-24T (Inc. N American power cord)	AL2012E45-E5	1 June 2006
AL2012F45	Ethernet Switch 325-24T (Inc. Australia, NZ power cord used in PRC)	AL2012F45-E5	1 June 2006
AL2012A46	Ethernet Switch 325-24G (No power cord)	AL2012A46-E5	1 June 2006
AL2012B46	Ethernet Switch 325-24G (Inc. EU power cord)	AL2012B46-E5	1 June 2006
AL2012C46	Ethernet Switch 325-24G (Inc. UK and IRE power cord)	AL2012C46-E5	1 June 2006
AL2012D46	Ethernet Switch 325-24G (Inc. Japan power cord)	AL2012D46-E5	1 June 2006
AL2012E46	Ethernet Switch 325-24G (Inc. N American power cord)	AL2012E46-E5	1 June 2006
AL2012F46	Ethernet Switch 325-24G (Inc. Australia, NZ power cord used in PRC)	AL2012F46-E5	1 June 2006
	Ethernet Switch 425		
AL2012A41	Ethernet Switch 425-24T (No power cord)	AL2012A41-E5	1 June 2006
AL2012B41	Ethernet Switch 425-24T Switch (Inc. EU power cord)	AL2012B41-E5	1 June 2006
AL2012C41	Ethernet Switch 425-24T (Inc. UK and IRE power cord)	AL2012C41-E5	1 June 2006
AL2012D41	Ethernet Switch 425-24T (Inc. Japan power cord)	AL2012D41-E5	1 June 2006
AL2012E41	Ethernet Switch 425-24T (Inc. N American power cord)	AL2012E41-E5	1 June 2006
AL2012F41	Ethernet Switch 425-24T (Inc. Australia, NZ power cord used in PRC)	AL2012F41-E5	1 June 2006
AL2012A44	Ethernet Switch 425-48T (No power cord)	AL2012A44-E5	1 June 2006
AL2012B44	Ethernet Switch 425-48T (Inc. EU power cord)	AL2012B44-E5	1 June 2006
AL2012C44	Ethernet Switch 425-48T (Inc. UK & IRE power cord)	AL2012C44-E5	1 June 2006
AL2012D44	Ethernet Switch 425-48T (Inc. Japan power cord)	AL2012D44-E5	1 June 2006
AL2012E44	Ethernet Switch 425-48T (Inc. N American power cord)	AL2012E44-E5	1 June 2006
AL2012F44	Ethernet Switch 425-48T ((Inc. Australia, NZ power cord used in PRC)	AL2012F44-E5	1 June 2006
	Ethernet Switch 460/470		
AL2001A20	Ethernet Switch 460-24T-PWR (No power cord)	AL2001A20-E5	1 June 2006
AL2001B20	Ethernet Switch 460-24T-PWR (Inc. EU power cord)	AL2001B20-E5	1 June 2006
AL2001C20	Ethernet Switch 460-24T-PWR (Inc. UK & IRE power cord)	AL2001C20-E5	1 June 2006
AL2001D20	Ethernet Switch 460-24T-PWR (Inc. Japan power cord)	AL2001D20-E5	1 June 2006
AL2001E20	Ethernet Switch 460-24T-PWR (Inc. North American power cord)	AL2001E20-E5	1 June 2006
AL2001F20	Ethernet Switch 460-24T-PWR with 24 (Inc. Australia, NZ power cord)	AL2001F20-E5	1 June 2006
AL2012A34	Ethernet Switch 470-48T (No power cord)	AL2012A34-E5	19 June 2006
AL2012B34	Ethernet Switch 470-48T (Inc. EU power cord)	AL2012B34-E5	19 June 2006
AL2012C34	Ethernet Switch 470-48T (Inc. UK & IRE power cord)	AL2012C34-E5	19 June 2006
AL2012D34	Ethernet Switch 470-48T (Inc. Japan power cord)	AL2012D34-E5	19 June 2006
AL2012E34	Ethernet Switch 470-48T (Inc. N American power cord)	AL2012E34-E5	19 June 2006
AL2012F34	Ethernet Switch 470-48T (Inc. Australia, NZ power cord used in PRC)	AL2012F34-E5	19 June 2006
AL2012A37	Ethernet Switch 470-24T (No power cord)	AL2012A37-E5	19 June 2006
AL2012B37	Ethernet Switch 470-24T (Inc. EU power cord)	AL2012B37-E5	19 June 2006
AL2012C37	Ethernet Switch 470-24T (Inc. UK & IRE power cord)	AL2012C37-E5	19 June 2006
AL2012D37	Ethernet Switch 470-24T (Inc. Japan power cord)	AL2012D37-E5	19 June 2006
AL2012E37	Ethernet Switch 470-24T (Inc. N American power cord)	AL2012E37-E5	19 June 2006
AL2012F37	Ethernet Switch 470-24T (Inc. Australia, NZ power cord used in PRC)	AL2012F37-E5	19 June 2006
AL2012A52	Ethernet Switch 470-48T-PWR (No power cord)	AL2012A52-E5	16 July 2006
AL2012B52	Ethernet Switch 470-48T-PWR (Inc. EU power cord)	AL2012B52-E5	16 July 2006
AL2012C52	Ethernet Switch 470-48T-PWR (Inc. UK & IRE power cord)	AL2012C52-E5	16 July 2006
AL2012D52	Ethernet Switch 470-48T-PWR (Inc. Japan power cord)	AL2012D52-E5	16 July 2006
AL2012E52	Ethernet Switch 470-48T-PWR (Inc. N American power cord)	AL2012E52-E5	16 July 2006
AL2012F52	Ethernet Switch 470-48T-PWR (Inc. Australia, NZ power cord)	AL2012F52-E5	16 July 2006
AL2012A53	Ethernet Switch 470-24T-PWR (No power cord)	AL2012A53-E5	16 July 2006
AL2012B53	Ethernet Switch 470-24T-PWR (Inc. EU power cord)	AL2012B53-E5	16 July 2006
AL2012C53	Ethernet Switch 470-24T-PWR (Inc. UK & IRE power cord)	AL2012C53-E5	16 July 2006
AL2012D53	Ethernet Switch 470-24T-PWR (Inc. Japan power cord)	AL2012D53-E5	16 July 2006
AL2012E53	Ethernet Switch 470-24T-PWR (Inc. N American power cord)	AL2012E53-E5	16 July 2006
AL2012F53	Ethernet Switch 470-24T-PWR (Inc. Australia, NZ power cord)	AL2012F53-E5	16 July 2006

Existing Order Code	Product Details	Compliant Order Code	RoHS Availability Date
	Business Policy Switch 2000		
AL2001016	Business Policy Switch 2000 DC Policy Switch (24 10/100BASE-TX plus 1 MDA and 1 Cascade Slot) (-48V DC input voltage).	Al2001016-E5	22 August 2006
	Ethernet Routing Switch 1400/1600		
DJ1412A02	Ethernet Routing Switch 1648T	DJ1412A02-E5	1 June 2006
DJ1412B02	Ethernet Routing Switch 1648T (Inc. EU power cord)	DJ1412B02-E5	1 June 2006
DJ1412C02	Ethernet Routing Switch 1648T (Inc. UK & IRE power cord)	DJ1412C02-E5	1 June 2006
DJ1412D02	Ethernet Routing Switch 1648T (Inc. Japan power cord)	DJ1412D02-E5	1 June 2006
DJ1412E02	Ethernet Routing Switch 1648T (Inc. N American power cord)	DJ1412E02-E5	1 June 2006
DJ1412F02	Ethernet Routing Switch 1648T (Inc. Australia, NZ power cord)	DJ1412F02-E5	1 June 2006
DJ1412A03	Ethernet Routing Switch 1612G (No power cord)	DJ1412A03-E5	1 June 2006
DJ1412B03	Ethernet Routing Switch 1612G (Inc. EU power cord)	DJ1412B03-E5	1 June 2006
DJ1412C03	Ethernet Routing Switch 1612G (Inc. UK & IRE power cord)	DJ1412C03-E5	1 June 2006
DJ1412D03	Ethernet Routing Switch 1612G (Inc. Japan power cord)	DJ1412D03-E5	1 June 2006
DJ1412E03	Ethernet Routing Switch 1612G (Inc. N American power cord)	DJ1412E03-E5	1 June 2006
DJ1412F03	Ethernet Routing Switch 1612G (Inc. Australia, NZ power cord)	DJ1412F03-E5	1 June 2006
DJ1412A04	Ethernet Routing Switch 1624G (No power cord)	DJ1412A04-E5	1 June 2006
DJ1412B04	Ethernet Routing Switch 1624G (Inc. EU power cord)	DJ1412B04-E5	1 June 2006
DJ1412C04	Ethernet Routing Switch 1624G (Inc. UK & IRE power cord)	DJ1412C04-E5	1 June 2006
DJ1412D04	Ethernet Routing Switch 1624G (Inc. Japan power cord)	DJ1412D04-E5	1 June 2006
DJ1412E04	Ethernet Routing Switch 1624G (Inc. N American power cord)	DJ1412E04-E5	1 June 2006
DJ1412F04	Ethernet Routing Switch 1624G (Inc. Australia, NZ power cord)	DJ1412F04-E5	1 June 2006
DJ1412A05	Passport 1424T Routing Switch (No power cord)	DJ1412A05-E5	12 June 2006
DJ1412B05	Passport 1424T Routing Switch (Inc. EU power cord)	DJ1412B05-E5	12 June 2006
DJ1412C05	Passport 1424T Routing Switch (Inc. UK & IRE power cord)	DJ1412C05-E5	12 June 2006
DJ1412D05	Passport 1424T Routing Switch (Inc. Japan power cord)	DJ1412D05-E5	12 June 2006
DJ1412E05	Passport 1424T Routing Switch (Inc. N American power cord)	DJ1412E05-E5	12 June 2006
DJ1412F05	Passport 1424T Routing Switch (Inc. Australia, NZ power cord)	DJ1412F05-E5	12 June 2006
	Ethernet Routing Switch 3500		
AL1001A08	Ethernet Routing Switch 3510-24T (No Power Cord.)	AL1001A08-E5	1 June 2006
AL1001B08	Ethernet Routing Switch 3510-24T (Inc. EU Power Cord)	AL1001B08-E5	1 June 2006
AL1001C08	Ethernet Routing Switch 3510-24T (Inc. UK & IRE power cord)	AL1001C08-E5	1 June 2006
AL1001D08	Ethernet Routing Switch 3510-24T (Inc. Japan power cord)	AL1001D08-E5	1 June 2006
AL1001E08	Ethernet Routing Switch 3510-24T (Inc. N American power cord)	AL1001E08-E5	1 June 2006
AL1001F08	Ethernet Routing Switch 3510-24T (Inc. Australia, NZ power cord)	AL1001F08-E5	1 June 2006
	Ethernet Routing Switch 5500		
AL1001A03	Ethernet Routing Switch 5510-48T (No Power Cord)	AL1001A03-E5	1 June 2006
AL1001B03	Ethernet Routing Switch 5510-48T (Inc. EU Power Cord)	AL1001B03-E5	1 June 2006
AL1001C03	Ethernet Routing Switch 5510-48T (Inc. UK & IRE power cord)	AL1001C03-E5	1 June 2006
AL1001D03	Ethernet Routing Switch 5510-48T (Inc. Japan power cord)	AL1001D03-E5	1 June 2006
AL1001E03	Ethernet Routing Switch 5510-48T (Inc. N American power cord)	AL1001E03-E5	1 June 2006
AL1001F03	Ethernet Routing Switch 5510-48T (Inc. Australia, NZ power cord)	AL1001F03-E5	1 June 2006
AL1001A04	Ethernet Routing Switch 5510-24T (No Power Cord)	AL1001A04-E5	1 June 2006
AL1001B04	Ethernet Routing Switch 5510-24T (Inc. EU Power Cord)	AL1001B04-E5	1 June 2006
AL1001C04	Ethernet Routing Switch 5510-24T (Inc. UK & IRE power cord)	AL1001C04-E5	1 June 2006
AL1001D04	Ethernet Routing Switch 5510-24T (Inc. Japan power cord)	AL1001D04-E5	1 June 2006
AL1001E04	Ethernet Routing Switch 5510-24T (Inc. N American power cord)	AL1001E04-E5	1 June 2006
AL1001F04	Ethernet Routing Switch 5510-24T (Inc. Australia, NZ power cord)	AL1001F04-E5	1 June 2006
AL1001A05	Ethernet Routing Switch 5520-48T-PWR (No Power Cord)	AL1001A05-E5	1 June 2006
AL1001B05	Ethernet Routing Switch 5520-48T-PWR (Inc. EU Power Cord)	AL1001B05-E5	1 June 2006
AL1001C05	Ethernet Routing Switch 5520-48T-PWR (Inc. UK & IRE power cord)	AL1001C05-E5	1 June 2006
AL1001D05	Ethernet Routing Switch 5520-48T-PWR (Inc. Japan power cord)	AL1001D05-E5	1 June 2006
AL1001E05	Ethernet Routing Switch 5520-48T-PWR (Inc. N American power cord)	AL1001E05-E5	1 June 2006
AL1001F05	Ethernet Routing Switch 5520-48T-PWR (Inc. Australia, NZ power cord)	AL1001F05-E5	1 June 2006

Existing Order Code	Product Details	Compliant Order Code	RoHS Availability Date
AL1001A06	Ethernet Routing Switch 5520-24T-PWR (No Power Cord)	AL1001A06-E5	1 June 2006
AL1001B06	Ethernet Routing Switch 5520-24T-PWR (Inc. EU Power Cord.	AL1001B06-E5	1 June 2006
AL1001C06	Ethernet Routing Switch 5520-24T-PWR (Inc. UK/Ireland Power Cord)	AL1001C06-E5	1 June 2006
AL1001D06	Ethernet Routing Switch 5520-24T-PWR (Inc. power cord used in Japan.	AL1001D06-E5	1 June 2006
AL1001E06	Ethernet Routing Switch 5520-24T-PWR (Inc. N American power cord)	AL1001E06-E5	1 June 2006
AL1001F06	Ethernet Routing Switch 5520-24T-PWR (Inc. Australia, NZ power cord,)	AL1001F06-E5	1 June 2006
AL1001A07	Ethernet Routing Switch 5530-24TFD (No Power Cord)	AL1001A07-E5	1 June 2006
AL1001B07	Ethernet Routing Switch 5530-24TFD (Inc. EU power cord)	AL1001B07-E5	1 June 2006
AL1001C07	Ethernet Routing Switch 5530-24TFD (Inc. UK/Ireland Power Cord)	AL1001C07-E5	1 June 2006
AL1001D07	Ethernet Routing Switch 5530-24TFD (Inc. Japan Power Cord)	AL1001D07-E5	1 June 2006
AL1001E07	Ethernet Routing Switch 5530-24TFD (Inc. N American power cord)	AL1001E07-E5	1 June 2006
AL1001F07	Ethernet Routing Switch 5530-24TFD (Inc. Australia, NZ power cord,)	AL1001F07-E5	1 June 2006
	Ethernet Routing Switch 8300		
DS1404093	Ethernet Routing Switch 8348GTX module. 48 port Autosensing 10Base-T/100Base-TX/1000Base-T Ethernet interface module.	DS1404093-E5	21 June 2006
DS1404094	Ethernet Routing Switch 8348GTX-PWR module. 48 port 10Base-T/100Base-TX/1000Base-T interface module with Power over Ethernet (PoE) support on all ports.	DS1404094-E5	21 June 2006
DS1404098	Ethernet Routing Switch 8324FX. 24 Port 100Base-FX Ethernet Interface Module.	DS1404098-E5	31 July 2006
DS1402007	8310 10 slot PoE chassis. Includes chassis, dual backplane, two fan trays,RS232 cable for management console, rack mount kit, and cable guide kit. Requires at least one 83XX power supply, up to three power supplies supported.	DS1402007-E5	14 July 2006
DS1402008	8306 6 slot PoE chassis. Includes chassis, dual backplane, fan tray,RS232 cable for management console, rack mount kit, and cable guide kit. Requires at least one 83XX power supply, up to three power supplies supported.	DS1402008-E5	15 July 2006
DS1404076	Ethernet Routing Switch 8393SF CPU/Switch Fabric module with 8 Gigabit Ethernet SFP slots - One required per Ethernet Routing Switch 8300 chassis. Note: Includes PCMCIA flash memory card.	DS1404076-E5	20 September 2006
DS1404077	Ethernet Routing Switch 8348TX module. 48 port autosensing 10BASE-T/100BASE-TX Ethernet interface module.	DS1404077-E5	07 July 2006
DS1404078	Ethernet Routing Switch 8348TX-PWR Module. 48 port autosensing 10BASE-T/100BASE-TX module with Power over Ethernet (PoE) support on all ports.	DS1404078-E5	07 July 2006
DS1404079	Ethernet Routing Switch 8324GT module. 24 port Autosensing 10Base-T /100Base-TX /1000Base-T Ethernet interface module.	DS1404079-E5	07 July 2006
DS1405A14	8301AC 100-240 VAC Power Supply. At least one power supply required per 83xx chassis. (Power Cord ordered separately). Provides up to 800W of PoE.	DS1405A14-E5	29 June 2006
DS1405F16	8302AC 100-240 VAC Power Supply. At least one power supply required per 83xx chassis. (Inc. Australian power cord, also used in New Zealand and PRC). Provides up to 400W of PoE.	DS1405F16-E5	29 June 2006
DS1405B16	8302AC 100-240 VAC Power Supply. At least one power supply required per 83xx chassis. (Inc. EU power cord). Provides up to 400W of PoE.	DS1405B16-E5	29 June 2006
DS1405D16	8302AC 100-240 VAC Power Supply. At least one power supply required per 83xx chassis. (Inc. Japan power cord). Provides up to 400W PoE.	DS1405D16-E5	29 June 2006
DS1405E16	8302AC 100-240 VAC Power Supply. At least one power supply required per 83xx chassis. (Inc. N American power cord). Provides up to 400W of PoE.	DS1405E16-E5	29 June 2006
DS1405C16	8302AC 100-240 VAC Power Supply. At least one power supply required per 83xx chassis. (Inc. UK & IRE power cord). Provides up to 400W PoE.	DS1405C16-E5	29 June 2006
DS1405A16	8302AC 100-240 VAC Power Supply. At least one power supply required per 83xx chassis. (No power cord). Provides up to 400W PoE.	DS1405A16-E5	29 June 2006

Existing Order Code	Product Details	Compliant Order Code	RoHS Availability Date
	Ethernet Routing Switch 8600		
DS1304002	8600 2 port DS3 MDA for 8672 ATM baseboard.	DS1304002-E5	14 August 2006
DS1304004	8600 1 port OC-12 MMF MDA for 8672 ATM baseboard.	DS1304004-E5	14 August 2006
DS1304005	8600 1-port OC-12 SMF MDA for 8672 ATM baseboard.	DS1304005-E5	14 August 2006
DS1304006	8600 4-port OC-3 MMF MDA for 8672 ATM baseboard.	DS1304006-E5	14 August 2006
DS1304007	8600 4-port OC-3 SMF MDA for 8672 ATM baseboard.	DS1304007-E5	14 August 2006
DS1304008	Ethernet Routing Switch 8672 ATME 2 Slot MDA Baseboard. Accepts two MDAs, supports up to 8 OC-3 or 2 OC-12 ports.	DS1304008-E5	07 August 2006
DS1304009	Ethernet Routing Switch 8672 ATMM 2 Slot MDA Baseboard. Accepts two MDAs, supports up to 8 OC-3 or 2 OC-12 ports. Expanded memory.	DS1304009-E5	07 August 2006
DS1333001	8600 1-port OC-12 MMF MDA for 8683 POS baseboard.	DS1333001-E5	14 August 2006
DS1333002	8600 1-port OC-12 SMF MDA for 8683 POS baseboard.	DS1333002-E5	14 August 2006
DS1333003	8600 2-port OC-3 MMF MDA for 8683 POS baseboard.	DS1333003-E5	14 August 2006
DS1333004	8600 2-port OC-3 SMF MDA for 8683 POS baseboard.	DS1333004-E5	14 August 2006
DS1402001	8010 10 slot chassis. Includes chassis, dual backplane, two fan trays,RS232 cable for management console, rack mount kit, and cable guide kit.	DS1402001-E5	21 July 2006
DS1402002	8006 6 slot chassis. Includes chassis, dual backplane, fan tray,RS232 cable for management console, rack mount kit, and cable guide kit.	DS1402002-E5	22 July 2006
DS1402003	8003 3 slot chassis. Includes chassis, fan tray,RS232 cable for management console, rack mount kit and cable guide kit.	DS1402003-E5	07 August 2006
DS1402004	8010co 10 slot NEBS chassis. Includes chassis, fan trays,RS232 cable for management console, rack mount kit and cable mgmnt.	DS1402004-E5	08 September 2006
DS1404011	Ethernet Routing Switch 8616SXE. 16-port 1000BASE-SX Gigabit Ethernet interface module.	DS1404011-E5	24 July 2006
DS1404024	Ethernet Routing Switch 8632TXE. 32 10/100TX plus 2 GBIC interface module.	DS1404024-E5	24 July 2006
DS1404026	8691omSF Services Switch CPU/SF Module. One required for PP8600 Metro Ethernet Services Switch or OPTera Metro 8000 Services Switch chassis.	DS1404026-E5	14 July 2006
DS1404034	Ethernet Routing Switch 8616GTE. 16 port 1000BASE-T Gigabit Ethernet interface module.	DS1404034-E5	28 July 2006
DS1404035	Ethernet Routing Switch 8648TXE. 48 port autosensing 10BASE-T/100BASE-TX Ethernet Layer 3 switching interface.	DS1404035-E5	26 July 2006
DS1404036	Ethernet Routing Switch 8608SXE. 8 port 1000BASE-SX Gigabit Ethernet interface module.	DS1404036-E5	27 July 2006
DS1404037	Ethernet Routing Switch 8624FXE. 24 port 100BASE-FX Ethernet interface module.	DS1404037-E5	27 July 2006
DS1404038	Ethernet Routing Switch 8608GBE. 8-port 1000 Base GBIC module (GBICs sold separately).	DS1404038-E5	26 July 2006
DS1404044	Ethernet Routing Switch 8608GTE. 8 port 1000BASE-T Gigabit Ethernet interface module.	DS1404044-E5	31 July 2006
DS1404045	8600 WSM. 4-port 1000BASE-SX Gigabit or 10BASE-T/100BASE-TX Ethernet Layer 4-7 Web Switching Module.	DS1404045-E5	07 August 2006
DS1404055	Ethernet Routing Switch 8632TXM. 32 10/100TX ports plus 2 GBIC interface module. Expanded Memory.	DS1404055-E5	07 August 2006
DS1404056	Ethernet Routing Switch 8648TXM. 48 port autosensing 10BASE-T/100BASE-TX Ethernet interface module. Expanded memory.	DS1404056-E5	07 August 2006
DS1404059	Ethernet Routing Switch 8608GBM. 8-port 1000Base-GBIC module (GBICs sold separately). Expanded memory.	DS1404059-E5	07 August 2006
DS1404060	Ethernet Routing Switch 8683 POSM 3 Slot Baseboard. Accepts three MDAs, supports up to 6 OC-3 or 3 OC-12 ports. Expanded memory.	DS1404060-E5	07 August 2006
DS1404061	Ethernet Routing Switch 8608GTM. 8 port 1000BASE-T Gigabit Ethernet interface module. Expanded memory.	DS1404061-E5	07 August 2006
DS1404063	8630GBR Routing Switch Module. 30 port SFP GBIC baseboard. (SFPs sold separately). The 8630GBR requires the use of the 8692SF.	DS1404063-E5	31 July 2006
DS1404064	8683XZR three-port 10GBase-X XFP Routing Switch Module baseboard (XFPs purchased separately) . Supports both LAN and WAN PHY. The 8683XZR requires the use of the 8692SF.	DS1404064-E5	31 July 2006
DS1404065	Ethernet Routing Switch 8692SF Switch Fabric/CPU to enable redundant terabit core configurations.	DS1404065-E5	13 July 2006

Existing Order Code	Product Details	Compliant Order Code	RoHS Availability Date
DS1404068	Metro Ethernet Services Module 8668 (ESM). For use in both the PP8000 Metro Ethernet and OM8000 configurations. SFP GBICs sold separately.	DS1404068-E5	31 July 2006
DS1404080	8660 Service Delivery Module with Four Firewall iSD Modules	DS1404080-E5	14 August 2006
DS1404081	8660 Service Delivery Module with two Firewall iSD Modules	DS1404081-E5	14 August 2006
DS1404082	8660 Service Delivery Module with Four Threat Protection System	DS1404082-E5	31 July 2006
DS1404086	8660 Combo Service Delivery Module with two FW & two IDS Application	DS1404086-E5	31 July 2006
DS1404087	8660 Combo Service Delivery Module with one FW & one TPS	DS1404087-E5	31 July 2006
DS1404090	Ethernet Routing Switch 8691SF Switch Fabric/CPU Module with 256MB CPU memory	DS1404090-E5	14 July 2006
DS1404092	8648GTR Routing Switch Module. 48 port autosensing 10BASE-T/100BASE-TX/1000Base-T Ethernet Layer 3 switching interfaces. The 8648GTR is operable with the 8692SF only.	DS1404092-E5	31 July 2006
DS1404101	8683XLR three-port 10GBase-X XFP Routing Switch Module baseboard (XFPs purchased separately) . The 8683XLR requires the use of the 8692SF.	DS1404101-E5	31 July 2006
DS1404103	Metro Ethernet Routing Switch 8692omSF Switch Fabric/CPU. One required with R Modules. Operable with pre-E, E and M modules. Includes 256MB SDRAM and 64MB PCMCIA. For use in Metro Ethernet Routing Switch 8600 configuration.	DS1404103-E5	17 July 2006
DS1404104	8660 Service Delivery Module with one Firewall iSD Modules for the Ethernet Routing Switch 8600	DS1404104-E5	14 August 2006
DS1405007	8004DC 850W Power Supply, at least one power supply required per 8006, 8010 or 8010co chassis.	DS1405007-E5	29 June 2006
DS1405011	8005DC 1462W Power Supply. At least one power supply required per 8006, 8010 or 8010co chassis. Cannot mix with 8004 series supplies.	DS1405011-E5	29 June 2006
DS1405012	8005AC 100-240 VAC 1140W/1462W Power Supply. Power cord ordered separately-use AA00200xx series cords.	DS1405012-E5	29 June 2006
DS1405A03	8003ACPS 100-240 VAC Power Supply, at least one power supply required per 8003 3-slot chassis. (No power cord)	DS1405A03-E5	29 June 2006
DS1405A08	8004AC 100-240 VAC Power Supply. At least one power supply required per 8006, 8010, or 8010co chassis. (No power cord)	DS1405A08-E5	29 June 2006
DS1405B03	8003ACPS 100-240 VAC Power Supply, at least one power supply required per 8003 3-slot chassis. (Inc. EU power cord)	DS1405B03-E5	29 June 2006
DS1405B08	8004AC 100-240 VAC Power Supply. At least one power supply required per 8006, 8010, or 8010co chassis. (Inc. EU power cord)	DS1405B08-E5	29 June 2006
DS1405C03	8003ACPS 100-240 VAC Power Supply, at least one power supply required per 8003 3-slot chassis. (Inc. UK & IRE power cord)	DS1405C03-E5	29 June 2006
DS1405C08	8004AC 100-240 VAC Power Supply. At least one power supply required per 8006, 8010, or 8010co chassis. (Inc. UK & IRE power cord)	DS1405C08-E5	29 June 2006
DS1405D03	8003ACPS 100-240 VAC Power Supply, at least one power supply required per 8003 3-slot chassis. (Inc. Japan power cord)	DS1405D03-E5	29 June 2006
DS1405D08	8004AC 100-240 VAC Power Supply. At least one power supply required per 8006, 8010, or 8010co chassis. (Inc. Japan power cord)	DS1405D08-E5	29 June 2006
DS1405E03	8003ACPS 100-240 VAC Power Supply, at least one power supply required per 8003 3-slot chassis. (Inc. N American power cord)	DS1405E03-E5	29 June 2006
DS1405E08	8004AC 100-240 VAC Power Supply. At least one power supply required per 8006, 8010, or 8010co chassis. (Inc. N American power cord)	DS1405E08-E5	29 June 2006
DS1405F03	8003ACPS 100-240 VAC Power Supply, at least one power supply required per 8003 3-slot chassis. (Inc. Australia, NZ power cord)	DS1405F03-E5	29 June 2006
DS1405F08	8004AC 100-240 VAC Power Supply. At least one power supply required per 8006, 8010, or 8010co chassis. (Inc. Australia, NZ power cord)	DS1405F08-E5	29 June 2006
DS1411016	256MB SIMM CPU Memory Upgrade for 8690SF and 8691SF. This upgrade is REQUIRED for the 8690SF when running Release 3.5 or later.	DS1411016-E5	TBA
DS1411021	8000 Series 64MB PCMCIA flash memory card. For use with 8692SF, 8691SF, 8691SF/256, 8691omSF, 8690SF, 8393SF and 8190SM	DS1411021-E5	TBA
DS1411022	8000 Series 256MB PCMCIA flash memory card. For use with 8692SF, 8691SF, 8691SF/256, 8691omSF, 8690SF and 8393SF modules.	DS1411022-E5	TBA
DS1411023	8660 SDM Spare Field Replaceable Hard Disk Drive	DS1411023-E5	TBA
DS1411024	8660 SDM Spare Field Replaceable PrPMC module	DS1411024-E5	TBA
DS1411025	Enterprise Enhanced CPU Daughtercard for 8692SF (SuperMezz). Includes dual 1GHz processors and 512MB memory.	DS1411025-E5	9 September 2006
DS1411026	8010co 10 Slot NEBS3 Chassis Rack Mount Replacement Kit.	DS1411026-E5	TBA
DS1411027	8010 10 Slot Chassis Rack Mount Replacement Kit.	DS1411027-E6	TBA

Existing Order Code	Product Details	Compliant Order Code	RoHS Availability Date
	Stackable Accessories - Cables, MDAs and RPSU		
AA0005017	Redundant Power Supply 15 - Chassis (Supports three power supplies).	AA0005017-E5	1 June 2006
AA0005018	Redundant Power Supply 15 - Connecting Cable for Single Ethernet Routing Switch 5520, 5530 or Ethernet Switch 470-PWR	AA0005018-E5	1 June 2006
AA0005020	Redundant Power Supply 15 Long Connecting Cable (7.6m/25ft) for up to 4 x Ethernet Routing Switch 5510, Ethernet Switch 470, 380, Optera Metro 1200, 1400, 1450,	AA0005020-E5	1 June 2006
AA0005021	Redundant Power Supply 15 Short Connecting Cable (3m/10ft) for up to 4 x Ethernet Routing Switch 5510, Ethernet Switch 470, 380, Optera Metro 1200, 1400, 1450.	AA0005021-E5	1 June 2006
AA0005A19	Redundant Power Supply 15 - 600 Watt Redundant Power Supply Module. Installs in RPS 15 Chassis AA0005017, and requires purchase of RPSU connection cable. (No Power cord).	AA0005A19-E5	1 June 2006
AA0005B19	Redundant Power Supply 15 - 600 Watt Redundant Power Supply Module. Installs in RPS 15 Chassis AA0005017, and requires purchase of RPSU connection cable. Includes EU Power Cord	AA0005B19-E5	1 June 2006
AA0005C19	Redundant Power Supply 15 - 600 Watt Redundant Power Supply Module. Installs in RPS 15 Chassis AA0005017, and requires purchase of RPSU connection cable. Includes Power Cord for UK/Ireland.	AA0005C19-E5	1 June 2006
AA0005D19	Redundant Power Supply 15 - 600 Watt Redundant Power Supply Module. Installs in RPS 15 Chassis AA0005017, and requires purchase of RPSU connection cable. Includes Power cord for Japan.	AA0005D19-E5	1 June 2006
AA0005E19	Redundant Power Supply 15 - 600 Watt Redundant Power Supply Module. Installs in RPS 15 Chassis AA0005017, and requires purchase of RPSU connection cable. North America Power Cord.	AA0005E19-E5	1 June 2006
AA0005F19	Redundant Power Supply 15 - 600 Watt Redundant Power Supply Module. Installs in RPS 15 Chassis AA0005017, and requires purchase of RPSU connection cable. Includes Australia/New Zealand Power cord.	AA0005F19-E5	1 June 2006
AL1904005	-48 V DC-to-DC converter, for installation in the Ethernet Switch 470-48T, for use with the BayStack 10 Power Supply Unit.	AL1904005-E5	1 June 2006
AL1904007	-48 V DC-to-DC converter, for installation in the Ethernet Routing Switch 5510-48T and 5510-24T, for use with the BayStack 10.	AL1904007-E5	1 June 2006
AL2011007	Ethernet Switch 460 / BPS Rack Mount Replacement Kit.	AL2011007-E5	22 August 2006
AL2011008	Ethernet Switch 470 Rack Mount Replacement Kit.	AL2011008-E5	22 August 2006
AL2011010	Rack Mount Kit for Ethernet Routing Switch 5510-24T, 5510-48T, 5520-24T-PWR and 5520-48T-PWR	AL2011010-E5	22 August 2006
AL2011012	Ethernet Switch 325/425 Rack Mount Replacement Kit	AL2011012-E5	22 August 2006
AL2011013	Console cable for use with Ethernet Switches and Ethernet Routing Switches	AL2011013-E6	22 August 2006
AL2018001	400-SRC Cascade Return Cable (1m / 39 inches) for Ethernet Switch 460 / 470, BayStack 450, and BPS.	AL2018001-E5	22 August 2006
AL2018002	400-SSC Spare Cascade Cable (46cm / 18 inches) for Ethernet Switch 460 / 470, BayStack 450, and BPS.	AL2018002-E5	22 August 2006
AL2018004	BayStack 400-SSC Spare Cascade Cable (3 meter) for Ethernet Switch 460 / 470, BayStack 450, and BPS.	AL2018004-E5	22 August 2006
AL2018005	Ethernet Switch 425 Stack Cable, short - 30 cm	AL2018005-E6	1 June 2006
AL2018006	Ethernet Switch 425 Stack Cable, long - 100 cm	AL2018006-E6	1 June 2006
AL2018007	Ethernet Switch 460 / BPS Wall Mount Kit	AL2018007-E5	22 August 2006
AL2018009	5500-SRC Stacking Cable (3 feet). For the Ethernet Routing Switch 5500.	AL2018009-E5	1 June 2006
AL2018010	5500-SSC Stacking Cable (1 foot). For the Ethernet Routing Switch 5500.	AL2018010-E5	1 June 2006
AL2018011	5500-SSC Stacking Cable (1.5 ft). For the Ethernet Routing Switch 5500.	AL2018011-E5	1 June 2006
AL2018013	5500-SSC Stacking Cable (10 ft). For the Ethernet Routing Switch 5500.	AL2018013-E5	1 June 2006
AL2018014	5500-SSC Stacking Cable (5m). For the Ethernet Routing Switch 5500.	AL2018014-E5	1 June 2006
AL2018015	Ethernet Switch 470 Wall Mount Kit	AL2018015-E5	1 June 2006
AL2033010	BayStack 400-ST1 Cascade Module	AL2033010-E5	22 August 2006
AL2033011	BPS2000-4TX 4-port 10/100 MDA	AL2033011-E5	22 August 2006
AL2033012	BPS2000-4FX 4-port 100BASE-FX MDA w/mini MT-RJ-type connectors	AL2033012-E5	22 August 2006
AL2033013	BPS2000-2FX 2-port 100BASE-FX MDA w/SC-type connectors	AL2033013-E5	22 August 2006
AL2033014	BPS2000 1 port 1000BASE-T MDA	AL2033014-E5	22 August 2006
AL2033015	BPS2000 2 port 1000BASE-T MDA	AL2033015-E5	22 August 2006
AL2033016	BPS2000 2 port SFP GBIC MDA	AL2033016-E5	22 August 2006

Existing Order Code	Product Details	Compliant Order Code	RoHS Availability Date
	Accessories: Power Cords, GBICs, SFPs		
AA0020049	Power Cord 20A/125V NEMA 5-20, North America.	AA0020049-E6	30 June 2006
AA0020050	Power Cord 15A/250V NEMA 6-15, North America.	AA0020050-E6	30 June 2006
AA0020051	Power Cord 16A/250V CEE7/7, Continental Europe	AA0020051-E6	30 June 2006
AA0020052	Power Cord 16A/250V CEI 23-50 S17, Italy.	AA0020052-E6	30 June 2006
AA0020053	Power Cord 16A/250V SI 32, Israel.	AA0020053-E6	30 June 2006
AA0020054	Power Cord 15A/250V BS-546, India / South Africa.	AA0020054-E6	30 June 2006
AA0020055	Power Cord 16A/230V 3-Pin IEC60309, International.	AA0020055-E6	30 June 2006
AA0020056	Power Cord 20A/250V NEMA L6-20 Twist Lock, North America.	AA0020056-E6	30 June 2006
AA0020057	Power Cord 15A/250V AS 3112, Australia.	AA0020057-E6	30 June 2006
AA0020058	Power Cord 13A/230V BS 1362, UK and Ireland.	AA0020058-E6	30 June 2006
AA0020059	Power Cord 16A/250V GB 11918-89, Greater China	AA0020059-E6	21 July 2006
AA0020060	Power Cord 15A/250V NEMA L6-15 Twist Lock, North America. This power cord is used with the 8005AC and 8301AC supplies in 220-240V AC twist-lock applications.	AA0020060-E6	21 July 2006
AA1402001	Optical Shelf - 19 in. Rackmountable - Supports Two (2) Optical MUX(s) or OADM(s).	AA1402001-E5	1 June 2006
AA1402002	Optical Add Drop MUX - 1470nm Wavelength.	AA1402002-E5	1 June 2006
AA1402003	Optical Add Drop MUX - 1490nm Wavelength.	AA1402003-E5	1 June 2006
AA1402004	Optical Add Drop MUX - 1510nm Wavelength.	AA1402004-E5	1 June 2006
AA1402005	Optical Add Drop MUX - 1530nm Wavelength.	AA1402005-E5	1 June 2006
AA1402006	Optical Add Drop MUX - 1550nm Wavelength.	AA1402006-E5	1 June 2006
AA1402007	Optical Add Drop MUX - 1570nm Wavelength.	AA1402007-E5	1 June 2006
AA1402008	Optical Add Drop MUX - 1590nm Wavelength.	AA1402008-E5	1 June 2006
AA1402009	Optical 4-Port MUX - 1490nm, 1530nm, 1570nm, 1610 nm Wavelengths.	AA1402009-E5	1 June 2006
AA1402010	Optical 8-Port MUX - 1470nm to 1610nm Supported Wavelengths.	AA1402010-E5	1 June 2006
AA1402011	Optical Add Drop MUX - 1610nm Wavelength.	AA1402011-E5	1 June 2006
AA1403001	1-port 10GBase-LR XFP for use with 8683XLR. Supports single-mode fiber for interconnects up to 10km.	AA1403001-E5	1 June 2006
AA1403003	1-port 10GBase-ER XFP for use with 8683XLR. Supports single-mode fiber for interconnects up to 40km.	AA1403003-E5	1 June 2006
AA1403005	1-port 10GBase-SR XFP for use with 8683XLR. Supports high modal bandwidth multi-mode fiber	AA1403005-E5	1 June 2006
AA1419001	1-port 1000Base-SX Gigabit Interface Converter (GBIC)	AA1419001-E5	1 June 2006
AA1419002	1-port 1000Base-LX Gigabit Interface Converter (GBIC)	AA1419002-E5	1 June 2006
AA1419003	1-port 1000Base-XD GBIC- 50 km	AA1419003-E5	1 June 2006
AA1419004	1-port 1000Base-ZX GBIC- 70km	AA1419004-E5	1 June 2006
AA1419013	1-port 1000Base-SX SFP GBIC (mini-GBIC, connector type: LC).	AA1419013-E5	1 June 2006
AA1419014	1-port 1000Base-SX SFP GBIC (mini-GBIC, connector type: MT-RJ).	AA1419014-E5	1 June 2006
AA1419015	1-port 1000Base-LX SFP GBIC (mini-GBIC, connector type: LC).	AA1419015-E5	1 June 2006
AA1419017	1-port 1000BaseWDM GBIC with Avalanche Photo Diode Receiver - 1470nm Wavelength.	AA1419017-E5	1 June 2006
AA1419018	1-port 1000BaseWDM GBIC with Avalanche Photo Diode Receiver - 1490nm Wavelength.	AA1419018-E5	1 June 2006
AA1419019	1-port 1000BaseWDM GBIC with Avalanche Photo Diode Receiver - 1510nm Wavelength.	AA1419019-E5	1 June 2006
AA1419020	1-port 1000BaseWDM GBIC with Avalanche Photo Diode Receiver - 1530nm Wavelength.	AA1419020-E5	1 June 2006
AA1419021	1-port 1000BaseWDM GBIC with Avalanche Photo Diode Receiver - 1550nm Wavelength.	AA1419021-E5	1 June 2006
AA1419022	1-port 1000BaseWDM GBIC with Avalanche Photo Diode Receiver - 1570nm Wavelength.	AA1419022-E5	1 June 2006
AA1419023	1-port 1000BaseWDM GBIC with Avalanche Photo Diode Receiver - 1590nm Wavelength.	AA1419023-E5	1 June 2006
AA1419024	1-port 1000BaseWDM GBIC with Avalanche Photo Diode Receiver - 1610nm Wavelength.	AA1419024-E5	1 June 2006
AA1419025	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1470nm Wavelength, 40km.	AA1419025-E5	05 June 2006
AA1419026	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1490nm Wavelength, 40km	AA1419026-E5	05 June 2006

Existing Order Code	Product Details	Compliant Order Code	RoHS Availability Date
AA1419027	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1510nm Wavelength, 40km.	AA1419027-E5	05 June 2006
AA1419028	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1530nm Wavelength, 40km.	AA1419028-E5	05 June 2006
AA1419029	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1550nm Wavelength, 40km.	AA1419029-E5	05 June 2006
AA1419030	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1570nm Wavelength, 40km.	AA1419030-E5	05 June 2006
AA1419031	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1590nm Wavelength, 40km.	AA1419031-E5	05 June 2006
AA1419032	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1610nm Wavelength, 40km.	AA1419032-E5	05 June 2006
AA1419033	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1470nm Wavelength, 70km.	AA1419033-E5	05 June 2006
AA1419034	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1490nm Wavelength, 70km.	AA1419034-E5	05 June 2006
AA1419035	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1510nm Wavelength, 70km.	AA1419035-E5	05 June 2006
AA1419036	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1530nm Wavelength, 70km.	AA1419036-E5	05 June 2006
AA1419037	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1550nm Wavelength, 70km	AA1419037-E5	05 June 2006
AA1419038	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1570nm Wavelength, 70km.	AA1419038-E5	05 June 2006
AA1419039	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1590nm Wavelength, 70km.	AA1419039-E5	05 June 2006
AA1419040	1-port 1000BaseCWDM SFP GBIC (mini-GBIC, connector type: LC) - 1610nm Wavelength, 70km.	AA1419040-E5	05 June 2006
AA1419041	1-port 1000Base-T Gigabit Interface Converter (GBIC), 8-pin modular connector (RJ-45) for Ethernet Routing Switch products only.	AA1419041-E5	1 June 2006
AA1419042	1-port 1000Base-T Gigabit Interface Converter (GBIC), 8-pin modular connector (RJ-45) for BayStack products only.	AA1419042-E5	26 June 2006
AA1419043	1-port 1000Base-T Small Form Pluggable (SFP), (RJ-45).	AA1419043-E5	1 June 2006
AA1419069	1-port 1000Base-BX SFP GBIC (mini-GBIC, connector type: LC) - 1310nm Wavelength. Must be paired with AA1419070	AA1419069-E5	03 July 2006
AA1419070	1-port 1000Base-BX SFP GBIC (mini-GBIC, connector type: LC) - 1490nm Wavelength Must be paired with AA1419069	AA1419070-E5	19 June 2006

The hardware being converted to RoHS will in some cases replace the non-RoHS versions when they are introduced. In general they will be backward compatible and have equivalent functionality to the hardware they are replacing. The RoHS version of equipment will have Product Order Codes (PECs) with an E5 or E6 suffix indicating it is RoHS compliant.

A number of options are available to customers wanting this hardware after the RoHS deadline but prior to the GA date:

- Ethernet Switch and Ethernet Routing Switch products installed prior to the RoHS deadline of 1st July, 2006 can continue to deploy non-RoHS PECs for spares and upgrades after the deadline. Non-RoHS versions of hardware will be available until GA of the RoHS versions.
- Some of the Non-RoHS versions of hardware may be available from stock already “Put on the Market” before 1st July 2006. A Last Time Buy of non-RoHS hardware can be executed after 1st July 2006. For example if non-RoHS hardware is in country (“put on the market”) prior to the deadline of 1st July, 2006, it can be deployed any time after the deadline.

Non-RoHS Compliant Ethernet Switch and Ethernet Routing Switch Hardware:

The Non-RoHS Compliant Ethernet Switch and Ethernet Routing Switch components will include:

Existing Order Code	Ethernet Switch or Ethernet Routing Switch	Recommended Replacement
AA0005010	BayStack 10 200 W Redundant Power Supply module.	RPSU15
AA0005011	BayStack 10 1400 VAC UPS/SNMP Controller Module,	RPSU15
AA0005012	BayStack 10 1400 VAC UPS/SNMP Controller Module,	RPSU15
AA0005013	BayStack 10 Replacement Battery Pack for 1400 VAC UPS/SNMP	RPSU15
AA0005014	BayStack 10 SNMP Controller Module. One required per BS10 system	RPSU15
AA0005A08	BayStack 10 Power Supply Unit. Modular power supply chassis	RPSU15
AA0011030	Spare cable between BayStack 10 200W RPSU module and DC module	RPSU15
AL2001A15	Business Policy Switch 2000	AL2102A37-E5
AL2011006	BayStack 450-12T, 450-24T Rack Mount Replacement Kit.	
AL2012A14	BayStack 450-24T Switch	AL2102A37-E5
AL2012A15	BayStack 450-12T Switch	AL2102A37-E5
AL2012A19	BayStack 450-12F Switch	
AL2018008	2 Pin Connector used when connecting a BS 10 and the ES 460.	
AL2033002	BayStack 400-2FX 2-port 100BASE-FX MDA	
AL2033003	BayStack 400-4FX 4-port 100BASE-FX MDA	
AL2033004	BayStack 400-4TX 4-port 10BASE-T/100BASE-TX MDA	
AL2033005	450-1SX 1-port 1000BASE-SX Single PHY MDA	
AL2033006	450-1SR 1-port 1000BASE-SX Redundant PHY MDA	
AL2033007	450-1LX 1-port 1000BASE-LX Single PHY MDA	
AL2033008	450-1LR 1-port 1000Base-LX Redundant PHY MDA	
AL2033009	BayStack 450-1GBIC MDA (GBIC is not included with this MDA)	
DS1400001	Breaker Interface Panel (BIP)	
DS1404052	8681XLW Single port 10Gbps WAN Module	DS1404064-E5
DS1404053	8681XLR Single port 10Gbps LAN Module	DS1404101-E5
DS1404070	8661SSL SSL Module	
DS1404088	Secure Content Switching Bundle	

The parts listed above will continue to be made available to EMEA and the global market after the RoHS deadline, as long as significant global market demand remains. These parts may still be used as spare parts for EEE that is put on the market before 1st July, 2006. It is Nortel's understanding that spare parts can either be used to replace faulty parts or to extend the lifetime of existing EEE.

Summary

Most Ethernet Switch and Ethernet Routing Switch platforms are being converted to be compliant to the RoHS directive.

Some PECs will not be available until after the RoHS deadline potentially necessitating a Last Time Buy of older non-RoHS hardware to cover the gap in availability.

A number of PECs will not ever be converted to RoHS. These can still be ordered and shipped to EMEA after the deadline but only for use as spares for pre-1st July 2006 installed switches.

Customers can execute Last Time Buys on non-RoHS platforms to be deployed in new switches providing it is in customer's possession prior to the deadline.

External Communications

The following Ethernet Switch and Ethernet Routing Switch documents will be updated to reflect availability of RoHS hardware:

- Global Price Book: RoHS entries will be added to the price book as RoHS versions become available. Restrictions on ordering non-RoHS hardware for EU countries after the deadline will be highlighted.
- Product Collaterals: These will be updated to reflect RoHS compliance.
- Product Bulletin: These will be updated to reflect RoHS compliance.
- Frequently Asked Questions: FAQ's will be produced to clarify availability of products.

Contacts

Customers should contact their account teams or distributor for additional information and clarifications.

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